ABSTRACT OF THE DISCLOSURE

A mechanism for filtering snoop requests to a cache memory includes, in one embodiment, a storage including a plurality of entries configured to store corresponding

5   snoop filter indications. The mechanism also includes a cache controller configured receive a transaction request including an address and to generate an index for accessing the storage by performing a hash function on the address. The cache controller selectively generates a snoop operation to the cache memory for the transaction request dependent upon a snoop filter indication stored in the storage that corresponds to the

10   address.

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